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| Application No. | Applicant(s) |
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| 09/864,738 | BALLUFF ET AL. |
| Examiner | Art Unit |
| ABUL K. AZAD | 2654 |

| √ | Rejected |
|----|----------|
| II | Allowed |

| - | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| Cla | aim | Date | | | | | Claim Date | | | | | | Cla | aim | Date | | | | | | | | | | | |
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| Final | Original | 8/6/04 | | İ | | | | Final | Original | | | | | | | Final | Original | | | | | - | - | | | |
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| <u></u> | 1 | 1 | | | | | | | 51 | | | $\perp \perp$ | | _ | L | | 101 | \sqcup | | \perp | \perp | 4 | 4 | _ | | _ |
| | 2 | 1 | | | | | | | 52 | | | <u> </u> | | 4 | L | | 102 | | | 4 | 4 | 4 | _ | _ | | _ |
| <u></u> | 3 | ۷ | | | $\perp \downarrow$ | | | | 53 | | | | | | | | 103 | | | \perp | _ _ | 4 | _ | _ | _ | _ |
| L | 4 | 1 | | | $\perp \downarrow$ | | | | 54 | | | 1 | $\sqcup \sqcup \sqcup$ | | | | 104 | Ш | | \perp | _ | 4 | 4 | _ | _ | 4 |
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| | 6 | 1 | | | \perp | | | | 56 | _ _ | | ↓ | $\sqcup \sqcup$ | _6 | Ļ | | 106 | | | 1 | + | 4 | 4 | _ | _ | 4 |
| | 7 | ۷. | | \perp | 4.4 | | | | 57 | | | Д. | | | - | | 107 | _ | | _ | | 4 | _ | _ | _ | _ |
| | 8 | 1 | | _ _ | 1 | | | | 58 | \perp | | | | | L | | 108 | | | 1 | 4 | 4 | | \dashv | _ | _ |
| | 9 | 1 | | | $\perp \perp$ | | | | 59 | | | | | | L | | 109 | _ | | 4 | 4 | 4 | 4 | _ | _ | _ |
| | 10 | 1 | | | | \perp | | | 60 | | | <u> </u> | $\sqcup \sqcup$ | _ | Ļ | | 110 | | | 4 | 4 | 4 | \dashv | _ | _ | 4 |
| | 11 | 1 | | | 4_4 | \bot | | | 61 | | | | $\sqcup \sqcup \sqcup$ | | L | | 111 | | | ┵ | ┵ | 4 | _ | _ | | _ |
| | 12 | V | | _ | $\perp \perp$ | \perp | | | 62 | $\perp \! \! \perp$ | | $\bot \bot$ | | | L | | 112 | | _ | \perp | \perp | 4 | _ | _ | _ | _ |
| | 13 | 1 | | | $\perp \perp$ | \perp | | | 63 | | _ | $\bot \bot$ | $\sqcup \sqcup \sqcup$ | | L | | 113 | Ш | | \perp | \perp | 4 | _ | _ | _ | _ |
| | 14 | √ | | | | | | | 64 | $\perp \perp$ | | 1 | $\sqcup \sqcup$ | | | | 114 | | | _ | _ | \perp | _ | _ | _ | _ |
| | 15 | 1 | | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | $\perp \perp$ | $\perp \perp$ | | | 65 | $\perp \perp$ | | $\bot \bot$ | $\sqcup \sqcup \sqcup$ | | L | | 115 | | | ┸ | _ | 4 | _ | _ | | _ |
| | 16 | V | | | | \bot | | | 66 | | _ | $\perp \perp$ | | _ | L | | 116 | | | \perp | 1 | 4 | _ | _ | _ | |
| | 17 | 1 | | \perp | | | | | 67 | | _ | $\perp \perp$ | $\sqcup \sqcup$ | | L | | 117 | | | \perp | \perp | 4 | _ | | | \dashv |
| | 18 | ٧ | | | | | | | 68 | $\perp \perp$ | | | | | | | 118 | | | _ | ┸ | 1 | _ | _ | | _ |
| | 19 | 1 | | | | | | | 69 | | | | | | L | | 119 | | | | \perp | \perp | | | | |
| | 20 | V | | | | | | | 70 | | | | | | L | | 120 | | | _ _ | \perp | _ | | | | _ |
| | 21 | | | | | | | | 71 | | | | | | L | | 121 | | | | | | | | | |
| | 22 | | | | | | | | 72 | | | | | | | | 122 | | | ┸ | | | | | | _ |
| | 23 | | | | | | | | 73 | | | | | | | | 123 | | | | ⊥ | | | \perp | | |
| | 24 | | | | | | | | 74 | | | | | | | | 124 | | | | | | | | | |
| | 25 | | | | | | | | 75 | | | | | | L | | 125 | | | \perp | \perp | _ | | \perp | | _ |
| | 26 | | | | | | | | 76 | | | | | | L | | 126 | | | | | 1 | | | | _ |
| | 27 | | | | | | | | 77 | | | | | | | | 127 | | | | \perp | | | | | _ |
| | 28 | | | | | | | | 78 | | | | | | L | | 128 | | | | \perp | \perp | | _ | | |
| | 29 | | | | | | | | 79 | | | | | | L | | 129 | | | \perp | \perp | 1 | | _ | _ | |
| | 30 | [| | | | | | | 80 | | | | | | L | | 130 | | | ┸ | \perp | | | _ | | |
| | 31 | | | | | | | | 81 | | | | | | L | | 131 | | | \perp | | | | _ | | |
| | 32 | | | | | | | | 82 | | | | | | | | 132 | | | ┸ | | _ | | | | |
| | 33 | | | | | | | | 83 | | | | | 300 | | | 133 | | \perp | ┸ | \perp | _ | . | | | |
| | 34 | | | | | | | | 84 | | | | <u> </u> | | L | | 134 | | $oldsymbol{\perp}$ | \perp | \perp | \perp | _ | | | |
| | 35 | \Box | | | | | | | 85 | | | $\bot\bot$ | | | L | | 135 | | | \perp | \perp | | _ | | | _ |
| | 36 | | | | | | | | 86 | | | | | | Ĺ | | 136 | | | \perp | \perp | | | | | |
| | 37 | \Box | | | $oxed{\Box}$ | | | | 87 | | | | $\sqcup \sqcup$ | | | | 137 | \Box | | \perp | \perp | 4 | _ | | | |
| | 38 | | | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | | | | | 88 | | | $\perp \perp$ | | | | | 138 | | | | | \perp | \perp | _[| | |
| | 39 | \Box | | | | | | | 89 | | | | \Box | | | | 139 | | \perp | \perp | | \perp | | | _ | |
| | 40 | L | | | | | | | 90 | | | | \Box | | | | 140 | \Box | \perp | \perp | \perp | \perp | \perp | | | |
| | 41 | \Box | | | $oxed{\Box}$ | | | | 91 | | | | $\sqcup \sqcup \bot$ | | | | 141 | $ \bot $ | | \perp | | \perp | \perp | | | ┙ |
| | 42 | | | | | | | | 92 | | | | | | L | | 142 | | \perp | \perp | | \perp | \perp | | | |
| L | 43 | L | | \perp | | | | | 93 | | | | | | | | 143 | | | \perp | | \downarrow | _ | \perp | \Box | |
| | 44 | | \Box | | | | | | 94 | | | | | | L | | 144 | | | _ _ | _ _ | \perp | _ | | | |
| | 45 | | | | | \Box | | | 95 | | | | | | L | | 145 | | | \perp | | \perp | | | \perp | _] |
| | 46 | <u> </u> | | | | | | | 96 | | | | | | L | | 146 | | _ | \perp | | 4 | | 4 | | |
| | 47 | L | | | | | | | 97 | | | | | | L | | 147 | | | \perp | \perp | \perp | | | ot | |
| | 48 | L | | | | | | | 98 | | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | | | | L | | 148 | | \perp | \perp | \perp | \perp | \perp | | | |
| | 49 | | | $oldsymbol{\mathbb{T}}$ | | | | | 99 | | | | | | ſ | | 149 | | | \perp | | \perp | | \Box | $oxed{\mathbb{I}}$ | |
| | 50 | l | | | | | | | 100 | | | | | | ſ | | 150 | | Ī | ſ | | T | Ī | I | | |